

REPLACEMENT SHEET

(h) DETAILED DESCRIPTION OF THE INVENTION.

The present invention is a non adjustable, non resonating device for dampening the sound of a brass musical instrument by the use of a sound absorbing, open cell, flexible, urethane foam, which is formed into a ring and placed on the bell rim of a brass musical instrument without the use of screws or wires for attachment.

With references to Figures 1 through 4, the present invention is shown. The present invention 6 is shown with the urethane foam body 5 with an incision 3 fitted onto the bell rim 4 of a brass musical instrument 1. Protective adhesive tape 2 is shown encircling the outer portion of the urethane foam body 5.

Mute 6 is shown from three different angles without the brass musical instrument 1 showing the .25 inch deep incision 3 and the .625 inch by 1.25 inch dimensions of the open cell urethane foam body 5 and the 1 inch wide protective adhesive tape 2 with the thickness of 9 mils.

Mute 6 is shown from a frontal angle placed on a brass musical instrument 1. From this angle, the urethane body 5 and the protective adhesive tape 2 are shown.

Mute 6 is shown from a rear angle placed on a brass musical instrument 1. From this angle the urethane body 5 and the protective adhesive tape 2 are shown.

Thus, it is amply demonstrated that the present invention is not comprised of a resonating body nor does it require screws or wires for attachment onto the bell rim of a brass musical instrument. Instead, the present invention is comprised of a

sound absorbing or dampening material (As defined by American National Standards Institute (ANSI) S1.1-1994 Acoustical Terminology) shaped into a ring and placed onto the bell rim of a brass musical instrument. By the use of a non adjustable sound proofing ring made of flexible, open cell, urethane foam (Which by definition is commonly used for sound proofing. ChemIndustry.Com) placed on the bell rim of a brass musical instrument, the sound of the brass musical instrument is dampened. Also, bell design will vary greatly from one type of brass musical instrument to a different type of brass musical instrument, for example the difference between a trombone and a tuba. This will require the dimensions of the present invention to vary in accordance with the instrument to which it is being applied. In addition, bell design can vary from trumpet to trumpet (A Quick Look At Bell Vibrations, IGT, Oct. 2001) requiring possible variations in the present invention. However, the variations in foam ring dimension and the type of sound absorbing foam used will not result in any loss in the spirit or intent of the present invention to absorb the sound of a brass musical instrument. Thus, the amount of sound that is absorbed or dampened is dependent on the dimensions and the type of foam used (American Micro Industries, Inc.).